INDEX.

VOLUME V—VOLUME VII.

Acid Phosphate, Changes in Bottled Samples of..... V, 22
Addendum to Minerals and Mineral Localities of N. C..... VI, 45
Analysis, New and Improved Methods of..... VII, 52
Aquatic Respiration in the Musk-Rat..... V, 21
Atkinson, Geo. F.—
Protective Resemblance in Spiders..... V, 28
Tube-inhabiting Spider..... V, 30
Soaring of the Turkey Vulture..... V, 59
Nematode Root-Galls..... VI, 81
Some Erysipheæ from Carolina and Alabama..... VII, 61
Atomic Weights, Recalculations of the..... V, 98
Atomic Weights, Proper Standard of..... VII, 75
Atypus Niger Hentz (?), Notes on Habits of..... VI, 134
Auriferous Sulphides, Chlorination of..... V, 68
Available Phosphoric Acid in Fertilizers Containing Cotton Seed Meal..... VII, 5
Axes, Three Crystallographic..... V, 66
Battle, Gaston—
Action of Phosphorus, etc..... VII, 80
Battle, H. B.—
Changes in Superphosphates..... V, 111
Boracic Acid Among Plants, Distribution of..... VII, 14
Boracic Acid as an Impurity in Caustic Alkalies..... VII, 21
Botany as a Disciplinary Study..... VI, 33
Braswell, A.—
Butterflies of Chapel Hill, N. C..... V, 19
Bromination of Heptane..... V, 5
Bryant, V. S.—
List of Fishes and a New Species..... V, 16
Butterflies Collected at Chapel Hill, N. C..... V, 19
Callison, J. S.—
Distribution of Boracic Acid, etc..... VII, 14
Boracic Acid as an Impurity, etc..... VII, 21
Camphoric Acid, some New Salts of..... V,
Caustic Alkalies, Boracic Acid as an Impurity in..... VII, 2

Changes in Bottled Samples of Acid Phosphate..... V, 22
Chlorination of Auriferous Sulphides..... V, 68
Chord Common to a Parabola and the Circle of Curvature at any Point..... V, 14
Circle of Curvature, Chord Common to the Parabola and..... V, 14
Cotton Seed Meal, Available Phosphoric Acid in Fertilizers Containing..... VII, 5
Creosoting of Wood with Wood Creosote Oil..... VI, 27
Crude Fiber, Determination of..... VII, 22
Crude Fiber, some Modifications of the Method for Determining..... VII, 25
Crystallographic Axes, Three..... V, 66
Dancy, F. B.—
Determination of Available Phosphoric Acid, etc..... VII, 2
Desmids of North Carolina, a Preliminary List..... V, 1
Edwards, G. W.—
New Salts of Camphoric Acid..... V, 8
Elisha Mitchell, Erection of Monument to..... V, 55
Evolute of the Four-cusped Hypocycloid, Method of Finding..... V, 72
Fishes, with a New Species, List of..... V, 16
Focal Chord of a Parabola..... V, 15
Four-cusped Hypocycloid, Method of Finding the Evolute of..... V, 72
Genus Ilex, Partial Chemical Examination of..... V, 128
Geological Survey of N. C. Historical Notes..... VI, 5
Geological Survey of S. C. Historical Notes..... VII, 89
Graves, R. H.—
Chord Common to a Parabolo, etc..... V, 14
Focal Chord of a Parabola..... V, 15
Method of Finding the Evolute, etc..... V, 72
Halogen Compounds of Lead, New..... V, 10
Heptane, Bromination of..... V, 5
Hidden, W. E.—
Addendum to Minerals and Mineral Localities..... VI, 45
Hinsdale, S. J.—
Improved Methods of Analysis..... VII, 52
Adulterated Spirits of Turpentine..... VII, 86
Historical Notes Concerning the N. C. Geological Survey..... VI, 5
Holmes, J. A.—
Temperature and Rain-fall, etc..... V, 31
Historical Notes Concerning N. C. Geological Survey..... VI, 5
Historical Notes Concerning S. C. Geological Survey..... VII, 89
Hypocycloid, Method of Finding the Evolute of the Four-cusped..... V, 72
Kunz, Geo. F.—
Three New Masses of Meteoric Iron..... VII, 27
Lead, New Halogen Compounds of..... V, 10
List of Exchanges..... V, 50; V, 134; VI, 155; VII, 89

List of Members ..... V, 46; VI, 152; VII, 89
Manning, I. H.—
The Creosoting of Wood, etc. ..... VI, 27
McCarthy, Gerald—
Botany as a Disciplinary Study ..... VI, 33
Meteoric Iron, Three New Masses of. ..... VII, 27
Meteoric Irons, Two New ..... VII, 31
Meteorites of North Carolina, List and Description of ..... VII, 33
Mica Mining in North Carolina ..... V, 73
Miller, H. L.—
Lead Bromo-nitrates ..... VII, 84
Minerals and Mineral Localities of North Carolina, Addendum to ... VI, 45
Monument to Elisha Mitchell, Erection of ..... V, 55
Morehead, J. M.—
Occurrence of Gold in Montgomery County, N. C. ..... VII, 87
Musk-Rat, Aquatic Respiration in the ..... V, 21
Necrology ..... VI, 151
Nematode Root-Galls ..... VI, 81
Occurrence of Gold in Montgomery County, N. C. ..... VII, 87
Parabola and the Circle of Curvature. Chord common to any point. V, 14
Parabola, Focal Chord of a ..... V, 15
Phillips, W. B.—
Changes in Bottled Samples, etc. ..... V, 22
Erection of the Monument, etc. ..... V, 55
Three Crystallographic Axes ..... V, 66
Mica Mining in N. C. ..... V, 98
Turpentine and Rosin ..... VI, 19
Phosphoric Acid Available in Fertilizers Containing Cotton Seed Meal ..... VII, 5
Poteat, W. L.—
North Carolina Desmids ..... V, 1
Tube-building Spider ..... VI, 134
Protective Resemblance in Spiders, New Instances of ..... V, 28
Rain-fall and Temperature at Stations in N. C. ..... V, 31
Recalculations of the Atomic Weights ..... V, 98
Records of Meetings ..... V, 131; VI, 38, 147; VII, 118
Reports of Officers ..... V, 42; VI, 150; VII, 120
Respiration, Aquatic in the Musk-Rat ..... V, 21
Root-Galls, Nematode ..... VI, 81
Rosin, Turpentine and ..... VI, 19
Soaring of the Turkey Vulture ..... V, 59
Spider, Lycosa Fatifera (Hentz?), Tube-inhabiting ..... V, 30
Spider, Tube-building ..... VI, 134
Spiders, Protective Resemblance in ..... V, 128

Spoon, W. L.—
Respiration in the Musk-Rat ..... V, 21
Sulphides, Chlorination of Auriferous ..... V, 68
Superphosphates, Changes in ..... V, 111
Temperature and Rain-fall at Various Stations in N. C ..... V, 31
Thies, E. A.—
Chlorination of Auriferous Sulphides ..... V, 68
Thorp, B.—
New Halogen Compounds of Lead ..... V, 10
Three Crystallographic Axes ..... V, 66
Tube-building Spider ..... VI, 134
Tube-inhabiting Spider ..... V, 30
Turpentine and Rosin ..... VI, 19
Venable, F. P.—
Bromination of Heptane ..... V, 5
Recalculations of the Atomic Weights ..... V, 98
Examination of Genus Ilex ..... V, 128
Two New Meteoric Irons ..... VII, 31
List and Description of Meteorites ..... VII, 33
Lead Chloro-bromides ..... VII, 83
Proper Standard for the Atomic Weights ..... VII, 75
Vulture, Soaring of the ..... V, 59
Withers, W. A.—
Determination of Crude Fiber ..... VII, 22
Modification of the Method for Crude Fiber ..... VII, 25